

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-59 (canceled).

Claim 60 (new): A gas discharge device comprising a sealed chamber containing at least one noble gas and at least one electrode, the electrode comprising at least one of nanotubes and nanorods.

Claim 61 (new): The gas discharge device of claim 60, wherein the electrode comprises carbon nanotubes.

Claim 62 (new): The gas discharge device of claim 60, wherein the electrode comprises pre-formed carbon nanotubes deposited after formation on at least a portion of a surface of the electrode.

Claim 63 (new): The gas discharge device of claim 62, wherein the carbon nanotubes are deposited after formation on at least the portion of the surface of the electrode by one of a casting, a printing, a spraying, a spin coating, and an electrophoresis deposition process.

Claim 64 (new): The gas discharge device of claim 60, wherein the electrode comprises a substrate, carbon nanotubes, and an adhesion promoting material to promote adhesion of the carbon nanotubes to the substrate.

Claim 65 (new): The gas discharge device of claim 64, wherein the adhesion promoting material comprises at least one of a carbon-dissolving material, a carbide-forming material, and a material having a low melting temperature relative to a melting temperature of the substrate and a melting temperature of the carbon nanotubes.

Claim 66 (new): A lighting device comprising a sealed chamber containing an excitable gas, a phosphor coated surface, and at least one electrode, the electrode comprising at least one of nanotubes and nanorods.

Claim 67 (new): The lighting device of claim 66, wherein the electrode comprises carbon nanotubes.

Claim 68 (new): The lighting device of claim 66, wherein the electrode comprises pre-formed carbon nanotubes deposited after formation on at least a portion of a surface of the electrode.

Claim 69 (new): The lighting device of claim 68, wherein the carbon nanotubes are deposited after formation by one of a casting, a printing, a spraying, a spin coating, and an electrophoresis deposition process.

Claim 70 (new): The lighting device of claim 66, wherein the electrode comprises a substrate, carbon nanotubes, and an adhesion promoting material to promote adhesion of the carbon nanotubes to the substrate.

Claim 71 (new): The lighting device of claim 70, wherein the adhesion promoting material comprises at least one of a carbon-dissolving material, a carbide-forming material, and a material having a low melting temperature in relation to a melting temperature of each of the substrate and the carbon nanotubes.

Claim 72 (new): A method for making an electrode of a gas discharge or lighting device, the method comprising:

forming an emission material comprising at least one of nanotubes and nanorods; and

depositing the emission material after formation on at least a portion of a surface of the electrode.

Claim 73 (new): The method of claim 72, comprising:

annealing the electrode after depositing the emission material.

Claim 74 (new): The method of claim 72, wherein the emission material is deposited after formation by one of a casting, a printing, a spraying, a spin coating, and an electrophoresis deposition process.

Claim 75 (new): The method of claim 72, wherein the emission material comprises carbon nanotubes.

Claim 76 (new): The method of claim 75, wherein the emission material comprising carbon nanotubes is deposited after formation on a substrate of the electrode.

Claim 77 (new): The method of claim 76, comprising:  
using an adhesion promoting material to promote adhesion of the carbon nanotubes included in the emission material to the substrate.

Claim 78 (new): The method of claim 77, wherein the adhesion promoting material comprises at least one of a carbon-dissolving material, a carbide-forming material, and a material having a low melting temperature in relation to a melting temperature of each of the substrate and the carbon nanotubes.

Claim 79 (new): An electrode for use in a gas discharge or lighting device, the electrode comprising:  
a substrate;  
pre-formed carbon nanotubes deposited after formation on at least a portion of the substrate; and  
an adhesion promoting material to promote adhesion of the carbon nanotubes to the substrate.

Claim 80 (new): A method for making an electrode of a gas discharge or lighting device, the method comprising:  
forming an emission material comprising carbon nanotubes;

depositing the emission material after formation on at least a portion of a substrate of the electrode;

using an adhesion promoting material to promote adhesion of the carbon nanotubes included in the emission material to the substrate; and

annealing the electrode after depositing the emission material.